

Please type a plus sign (+) inside this box → ☐

Approved for use through
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

PTO/SB/xx (6-95)
OMB 0651-0032

0002/PTO Rev. 6/95	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket Number	421-02
NEW UTILITY PATENT APPLICATION TRANSMITTAL <i>(to be used for new applications only)</i>		First Named Inventor	Corbett
		Total Pages in this Submission	58

22241 U.S. PTO
10/626910
07/25/03

APPLICATION ELEMENTS	ACCOMPANYING APPLICATION PARTS						
<p><i>Notice: Checklist items mentioned under Application Elements section construct a new utility patent application. Please refer to MPEP Sections 506, 601, (37CFR 1.77, 1.53, 35 USC 111, 112, 113) for detailed explanation regarding completeness of an original patent application.</i></p>							
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (prescribed filing fee(s))</p> <p>2. Specification</p> <p><input checked="" type="checkbox"/> Abstract of the Disclosure</p> <p><input checked="" type="checkbox"/> Title of the Invention</p> <p><input checked="" type="checkbox"/> Cross References to Related Applications (if applicable)</p> <p><input type="checkbox"/> Statement Regarding Federally-sponsored Research/Development (if applicable)</p> <p><input type="checkbox"/> Reference to Microfiche Appendix (if applicable)</p> <p><input checked="" type="checkbox"/> Background of the Invention</p> <p><input checked="" type="checkbox"/> Brief Summary of the Invention</p> <p><input checked="" type="checkbox"/> Brief Description of the Drawings (if drawings filed)</p> <p><input checked="" type="checkbox"/> Detailed Description</p> <p><input checked="" type="checkbox"/> Claim or Claims</p> <p>3. <input checked="" type="checkbox"/> Drawing(s) (when necessary as proscribed by 35 USC 113)</p> <p>4. <input checked="" type="checkbox"/> Executed Declaration</p> <p>5. Genetic Sequence Submission (if applicable, all must be included)</p> <p><input type="checkbox"/> Paper Copy</p> <p><input type="checkbox"/> Computer Readable Copy</p> <p><input type="checkbox"/> Statement Verifying Identical Paper and Computer Readable Copy</p>	<p>6. <input type="checkbox"/> Assignment Papers</p> <p>7. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>8. <input type="checkbox"/> Computer Program in Microfiche</p> <p>9. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>10. <input checked="" type="checkbox"/> Information Disclosure Statement/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations</p> <p>11. <input type="checkbox"/> Petition Checklist and Accompanying Petition</p> <p>12. <input type="checkbox"/> Preliminary Amendment</p> <p>13. <input type="checkbox"/> Proprietary Information</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard</p> <p>15. <input checked="" type="checkbox"/> Small Entity Statement</p> <p>16. <input type="checkbox"/> Additional Enclosures (please identify below):</p>						
<p>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</p> <table border="1"> <tr> <td>Firm or Individual name</td> <td>Dean P. Edmundson</td> </tr> <tr> <td>Signature</td> <td><i>Dean P. Edmundson</i></td> </tr> <tr> <td>Date</td> <td>July 25, 2003</td> </tr> </table>		Firm or Individual name	Dean P. Edmundson	Signature	<i>Dean P. Edmundson</i>	Date	July 25, 2003
Firm or Individual name	Dean P. Edmundson						
Signature	<i>Dean P. Edmundson</i>						
Date	July 25, 2003						

FOR OFFICIAL USE ONLY					
Application Number		Class		Independent Claims	
Date of Receipt	Application Type	GAU		Total Claims	
	Filing Date	Foreign Filing License?		Drawing Sheets	
	Small Entity	Foreign Address?		Special Handling?	

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231, and to the Office of Information and Regulatory Affairs, Office of Management and Budget (Project 0651-0032), Washington DC 20503. DO NOT SEND FEES OR

07/25/03

002/PTO
Rev. 6/95U.S. Department of Commerce
Patent and Trademark OfficeApproved for use through
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCEPTO/SO/xx (6-95)
OMB 0651-0032
U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL

TOTAL AMOUNT OF PAYMENT (\$) 375.00

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Corbett
Group An Unit	
Examiner Name	
Attorney Docket Number	421-02

METHOD OF PAYMENT (check one)

<p>1 <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number <input type="text"/></p> <p>Deposit Account Name <input type="text"/></p> <p><input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the mailing of the Notice of Allowance, 37 CFR 1.311(b)</p>	<p>2 <input checked="" type="checkbox"/> Payment Enclosed: (reserved space)</p> <p><input checked="" type="checkbox"/> Check</p> <p><input type="checkbox"/> Money Order</p> <p><input type="checkbox"/> Other</p>
---	--

FEE CALCULATION (fees effective 1/1/06)

<p>1 FILING FEE</p> <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr> <th>Code (1)</th> <th>Code (1)</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>101</td> <td>201</td> <td>Utility filing</td> <td>375</td> </tr> <tr> <td>106</td> <td>206</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>107</td> <td>207</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>108</td> <td>208</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td colspan="3">SUBTOTAL (1)</td> <td>(\$) 375</td> </tr> </tbody> </table>				Large Entity	Small Entity	Fee Description	Fee Paid	Code (1)	Code (1)			101	201	Utility filing	375	106	206	Design filing fee		107	207	Plant filing fee		108	208	Reissue filing fee		SUBTOTAL (1)			(\$) 375	<p>3 ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr> <th>Code (1)</th> <th>Code (1)</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>105</td> <td>205</td> <td>Surcharge-late filing fee or oath</td> <td></td> </tr> <tr> <td>139</td> <td>139</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>147</td> <td>2,390</td> <td>For filing a request for reexamination</td> <td></td> </tr> <tr> <td>112</td> <td>870</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>113</td> <td>1,740</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>115</td> <td>110</td> <td>Extension for response within first month</td> <td></td> </tr> <tr> <td>116</td> <td>300</td> <td>Extension for response within second month</td> <td></td> </tr> <tr> <td>117</td> <td>900</td> <td>Extension for response within third month</td> <td></td> </tr> <tr> <td>119</td> <td>1,400</td> <td>Extension for response within fourth month</td> <td></td> </tr> <tr> <td>119</td> <td>290</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>120</td> <td>290</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>121</td> <td>250</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>130</td> <td>1,400</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>140</td> <td>110</td> <td>Petition to revive unavoidably abandoned application</td> <td></td> </tr> <tr> <td>141</td> <td>1,250</td> <td>Petition to revive unintentionally abandoned application</td> <td></td> </tr> <tr> <td>142</td> <td>1,280</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>143</td> <td>420</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>144</td> <td>650</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>122</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>126</td> <td>220</td> <td>Submission of Information Disclosure Stmt</td> <td></td> </tr> <tr> <td>501</td> <td>40</td> <td>Recording each patent assignment per property (x no. properties)</td> <td></td> </tr> <tr> <td>?</td> <td>220</td> <td>Protest after application published</td> <td></td> </tr> <tr> <td>?</td> <td>1500</td> <td>Late Claim for priority during pendency</td> <td></td> </tr> <tr> <td>114</td> <td>150</td> <td>Provisional Application filing</td> <td></td> </tr> <tr> <td colspan="3">Other fee (specify)</td> <td></td> </tr> <tr> <td colspan="3">Other fee (specify)</td> <td></td> </tr> <tr> <td colspan="3">SUBTOTAL (3)</td> <td>(\$) 0</td> </tr> </tbody> </table>				Large Entity	Small Entity	Fee Description	Fee Paid	Code (1)	Code (1)			105	205	Surcharge-late filing fee or oath		139	139	Non-English specification		147	2,390	For filing a request for reexamination		112	870	Requesting publication of SIR prior to Examiner action		113	1,740	Requesting publication of SIR after Examiner action		115	110	Extension for response within first month		116	300	Extension for response within second month		117	900	Extension for response within third month		119	1,400	Extension for response within fourth month		119	290	Notice of Appeal		120	290	Filing a brief in support of an appeal		121	250	Request for oral hearing		130	1,400	Petition to institute a public use proceeding		140	110	Petition to revive unavoidably abandoned application		141	1,250	Petition to revive unintentionally abandoned application		142	1,280	Utility issue fee (or reissue)		143	420	Design issue fee		144	650	Plant issue fee		122	130	Petitions to the Commissioner		126	220	Submission of Information Disclosure Stmt		501	40	Recording each patent assignment per property (x no. properties)		?	220	Protest after application published		?	1500	Late Claim for priority during pendency		114	150	Provisional Application filing		Other fee (specify)				Other fee (specify)				SUBTOTAL (3)			(\$) 0
Large Entity	Small Entity	Fee Description	Fee Paid																																																																																																																																																				
Code (1)	Code (1)																																																																																																																																																						
101	201	Utility filing	375																																																																																																																																																				
106	206	Design filing fee																																																																																																																																																					
107	207	Plant filing fee																																																																																																																																																					
108	208	Reissue filing fee																																																																																																																																																					
SUBTOTAL (1)			(\$) 375																																																																																																																																																				
Large Entity	Small Entity	Fee Description	Fee Paid																																																																																																																																																				
Code (1)	Code (1)																																																																																																																																																						
105	205	Surcharge-late filing fee or oath																																																																																																																																																					
139	139	Non-English specification																																																																																																																																																					
147	2,390	For filing a request for reexamination																																																																																																																																																					
112	870	Requesting publication of SIR prior to Examiner action																																																																																																																																																					
113	1,740	Requesting publication of SIR after Examiner action																																																																																																																																																					
115	110	Extension for response within first month																																																																																																																																																					
116	300	Extension for response within second month																																																																																																																																																					
117	900	Extension for response within third month																																																																																																																																																					
119	1,400	Extension for response within fourth month																																																																																																																																																					
119	290	Notice of Appeal																																																																																																																																																					
120	290	Filing a brief in support of an appeal																																																																																																																																																					
121	250	Request for oral hearing																																																																																																																																																					
130	1,400	Petition to institute a public use proceeding																																																																																																																																																					
140	110	Petition to revive unavoidably abandoned application																																																																																																																																																					
141	1,250	Petition to revive unintentionally abandoned application																																																																																																																																																					
142	1,280	Utility issue fee (or reissue)																																																																																																																																																					
143	420	Design issue fee																																																																																																																																																					
144	650	Plant issue fee																																																																																																																																																					
122	130	Petitions to the Commissioner																																																																																																																																																					
126	220	Submission of Information Disclosure Stmt																																																																																																																																																					
501	40	Recording each patent assignment per property (x no. properties)																																																																																																																																																					
?	220	Protest after application published																																																																																																																																																					
?	1500	Late Claim for priority during pendency																																																																																																																																																					
114	150	Provisional Application filing																																																																																																																																																					
Other fee (specify)																																																																																																																																																							
Other fee (specify)																																																																																																																																																							
SUBTOTAL (3)			(\$) 0																																																																																																																																																				
<p>2 CLAIMS</p> <table border="1"> <thead> <tr> <th>Total Claims</th> <th>Extra</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>8 - 20 =</td> <td>0</td> <td>X</td> <td>0</td> </tr> <tr> <td>Independent Claims</td> <td>1 - 3 =</td> <td>0</td> <td>X</td> <td>0</td> </tr> <tr> <td>Multiple Dependent Claims</td> <td>no</td> <td></td> <td>0</td> </tr> </tbody> </table>				Total Claims	Extra	Fee from below	Fee Paid	8 - 20 =	0	X	0	Independent Claims	1 - 3 =	0	X	0	Multiple Dependent Claims	no		0	<p>Large Entity - Small Entity</p> <table border="1"> <thead> <tr> <th>Fee</th> <th>Fee</th> <th>Fee</th> <th>Fee</th> <th>Fee Description</th> </tr> <tr> <th>Code (1)</th> <th>Code (1)</th> <th>Code (1)</th> <th>Code (1)</th> <th></th> </tr> </thead> <tbody> <tr> <td>102</td> <td>70</td> <td>202</td> <td>39</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>103</td> <td>22</td> <td>203</td> <td>11</td> <td>Claims in excess of 20</td> </tr> <tr> <td>104</td> <td>250</td> <td>204</td> <td>125</td> <td>Multiple dependent claim</td> </tr> <tr> <td>109</td> <td>70</td> <td>209</td> <td>39</td> <td>Reissue independent claims over original patent</td> </tr> <tr> <td>110</td> <td>22</td> <td>210</td> <td>11</td> <td>Reissue claims in excess of 20 and over original patent</td> </tr> <tr> <td colspan="5">SUBTOTAL (2)</td> </tr> </tbody> </table>				Fee	Fee	Fee	Fee	Fee Description	Code (1)	Code (1)	Code (1)	Code (1)		102	70	202	39	Independent claims in excess of 3	103	22	203	11	Claims in excess of 20	104	250	204	125	Multiple dependent claim	109	70	209	39	Reissue independent claims over original patent	110	22	210	11	Reissue claims in excess of 20 and over original patent	SUBTOTAL (2)																																																																																											
Total Claims	Extra	Fee from below	Fee Paid																																																																																																																																																				
8 - 20 =	0	X	0																																																																																																																																																				
Independent Claims	1 - 3 =	0	X	0																																																																																																																																																			
Multiple Dependent Claims	no		0																																																																																																																																																				
Fee	Fee	Fee	Fee	Fee Description																																																																																																																																																			
Code (1)	Code (1)	Code (1)	Code (1)																																																																																																																																																				
102	70	202	39	Independent claims in excess of 3																																																																																																																																																			
103	22	203	11	Claims in excess of 20																																																																																																																																																			
104	250	204	125	Multiple dependent claim																																																																																																																																																			
109	70	209	39	Reissue independent claims over original patent																																																																																																																																																			
110	22	210	11	Reissue claims in excess of 20 and over original patent																																																																																																																																																			
SUBTOTAL (2)																																																																																																																																																							

SUBMITTED BY		Complete (if applicable)	
Typed or Printed Name	Dean P. Edmundson	Reg. Number	25723
Signature	<i>Dean P. Edmundson</i>	Date	7/25/03
		Deposit Account User ID	

Burden Hour Statement: This form is estimated to take 2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231, and to the Office of Information and Regulatory Affairs, Office of Management and Budget (Project 0651-0032), Washington DC 20503. DO NOT SEND FEES OR

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: J. CRAIG CORBERT
Serial No. Attorney docket 421-02 Group No.:
Filed: On or about 7-25-03 Examiner:
For: Sprinkler Spacer System
Commissioner of Patents and Trademarks
Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE

"Express Mail" label number EU875642124US

Date of Deposit July 25, 2003

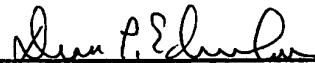
I hereby certify that the following *attached* paper or fee

Above-identified application for patent
Declaration and Power of Attorney
3 sheets of drawings
Verified Statement of Small Entity Status
Transmittal letter
Filing fee
Information Disclosure Statement

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231, P.O. Box 1450, Alexandria, VA 22313-1450.

Dean P. Edmundson

(Typed or printed name of person mailing paper or fee)



(Signature of person mailing paper or fee)

NOTE: Each paper must have its own certificate and the "Express Mail" label number as a part thereof or attached thereto. When, as here, the certification is presented on a separate sheet, that sheet must (1) be signed and (2) fully identify and be securely attached to the paper or fee it accompanies. Identification should include the serial number and filing date of the application as well as the type of paper being filed, e.g. complete application, specification and drawings, responses to rejection or refusal, notice of appeal, etc. If the serial number of the application is not known, the identification should include at least the name of the inventor(s) and the title of the invention.

NOTE: The label number need not be placed on each page. It should, however, be placed on the first page of each separate document, such as, a new application, amendment, assignment, and transmittal letter for a fee, along with the certificate of mailing by "Express Mail." Although the label number may be on checks, such a practice is not required. In order not to deface formal drawings it is suggested that the label number be placed on the back of each formal drawing or the drawings be accompanied by a set of informal drawings on which the label number is placed.